

LED Test Report

Product Mark

Product Type : F52-40s-128824A

Manufacturer :

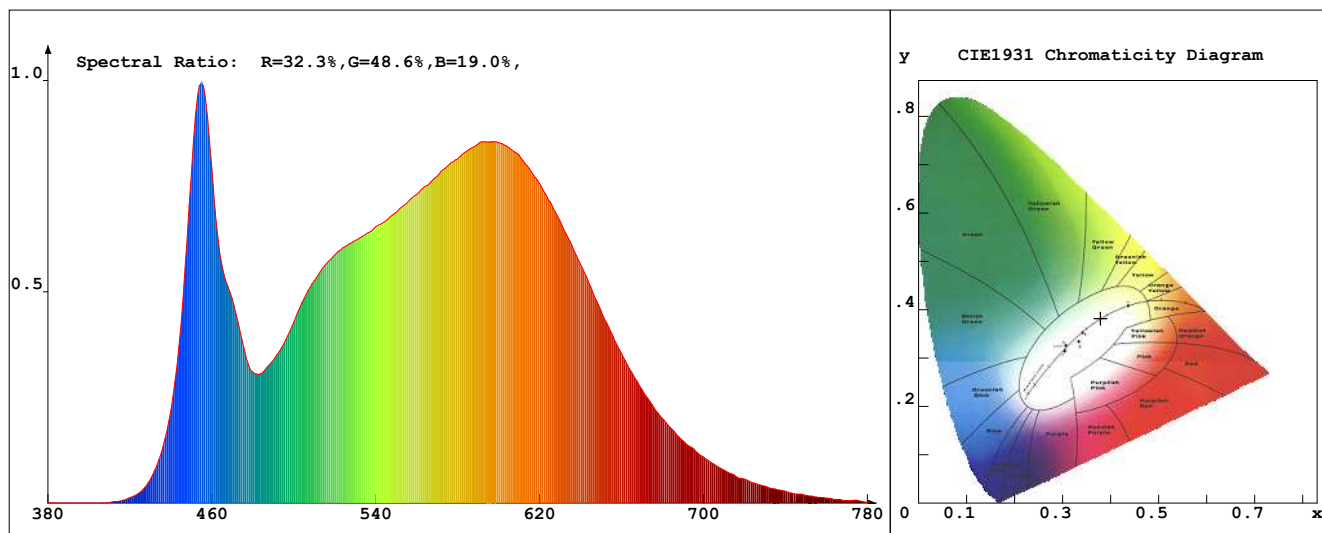
Temperature : 'C

Humidity : %

Operator :

Test Date : 18-10-21 15:12:37

Remark: BIN / LOTTO /



Chroma Parameters

Chro.Coord.:x=0.3792 y=0.3819 u=0.2223 v=0.3358 duv=0.0027

CCT: 4071K Dominant Wave.:577.3nm Purity:28.4% Centre Wave:456.5nm

Flux RGB Ratio:R=17.5%,G=79.8%,B=2.8% Peak Wave:453.8nm Half Width:22.5nm

Rendering Index:Ra= 84.5 CRI= 80.6

R1 =83 R2 =92 R3 =97 R4 =82 R5 =83 R6 =88 R7 =86 R8 =66

R9 =13 R10=80 R11=82 R12=61 R13=85 R14=99 R15=77

PPF:29.334umol/s (400-700nm)

PRF: 6.3mW (400-700nm)

PAR: 5.4mW (400-700nm)

Photo Parameters

Flux:2196.31lm Effi.:169.11m/W Radiant:6384.0mW Iv:0.0mcd

Scotopic Flux:3841.6Plm Effi.:0.0Plm/W S/P:1.7

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:30044.000umol/s (380-780nm)

Ele. Parameters

Forward Current:If=286.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=45.41V

Reverse Current:Ir=0.00uA

Power:P=13.020W

Instrument state

Instrument:Lisun

Integral Time: 69.466ms

VPeak: 15176

VDark: 1339

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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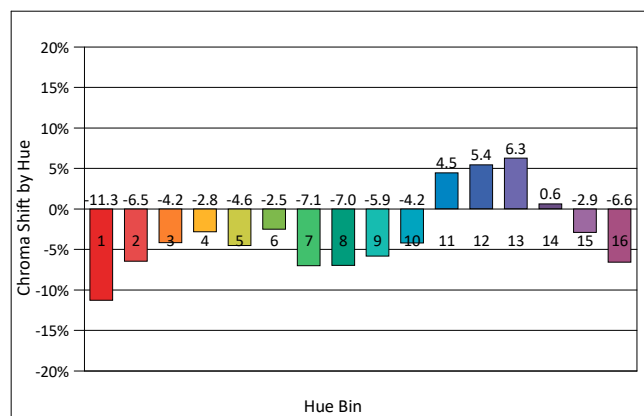
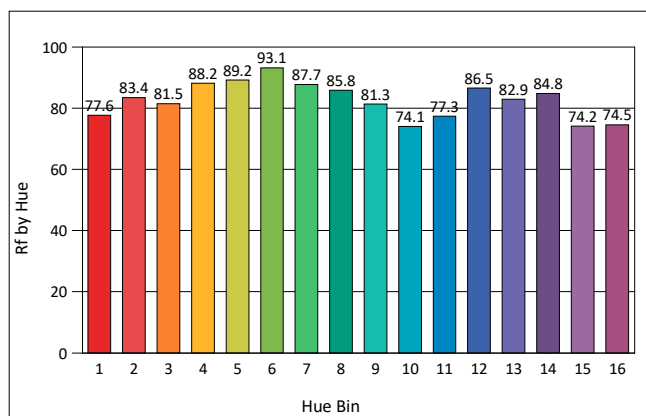
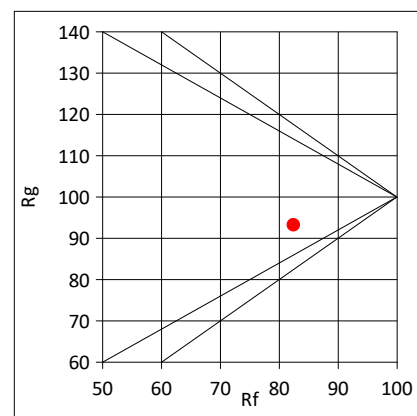
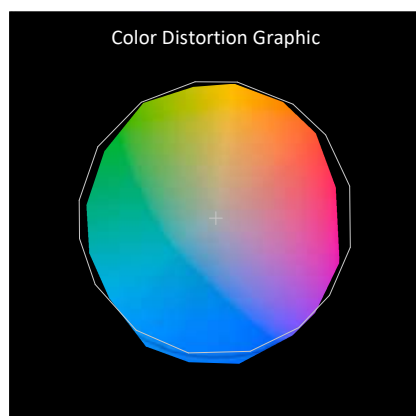
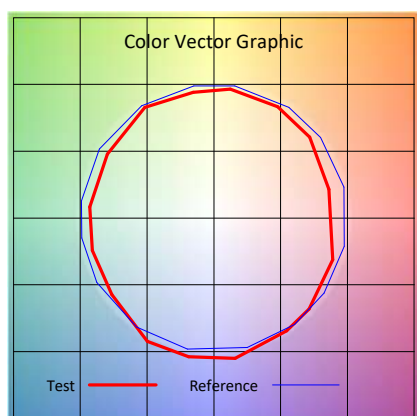
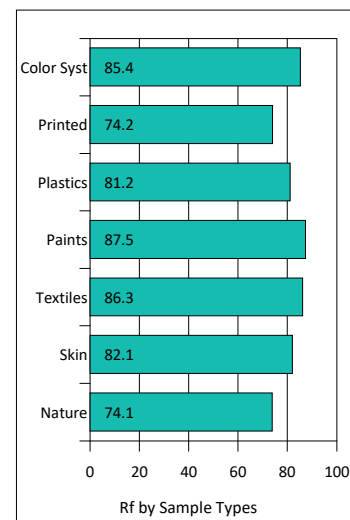
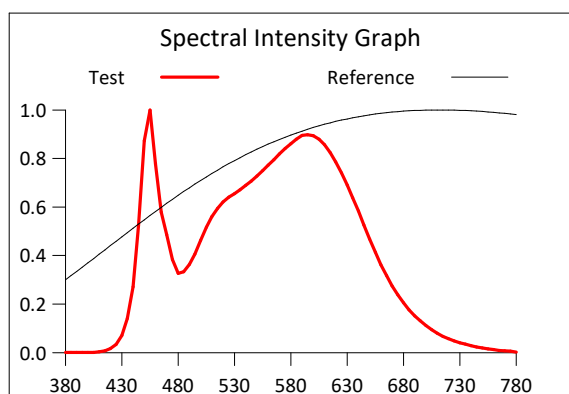
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Rf: 82.4 CCT(K): 4071 u': 0.2223
 Rg: 93.2 LER: 331.6 Duv: 0.0027 v': 0.3358

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	77.6	-11.3%	0.6%
2	83.4	-6.5%	4.8%
3	81.5	-4.2%	7.5%
4	88.2	-2.8%	2.8%
5	89.2	-4.6%	1.3%
6	93.1	-2.5%	-1.3%
7	87.7	-7.1%	0.0%
8	85.8	-7.0%	3.4%
9	81.3	-5.9%	10.7%
10	74.1	-4.2%	13.9%
11	77.3	4.5%	12.8%
12	86.5	5.4%	2.2%
13	82.9	6.3%	-10.6%
14	84.8	0.6%	-7.6%
15	74.2	-2.9%	-16.1%
16	74.5	-6.6%	-11.5%



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